

# Allen County HamNews

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

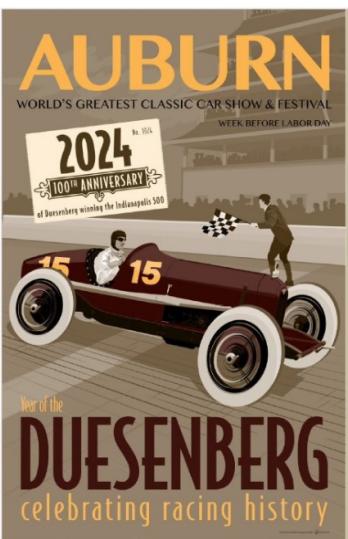
August 2024

Volume 25

Issue 9



September



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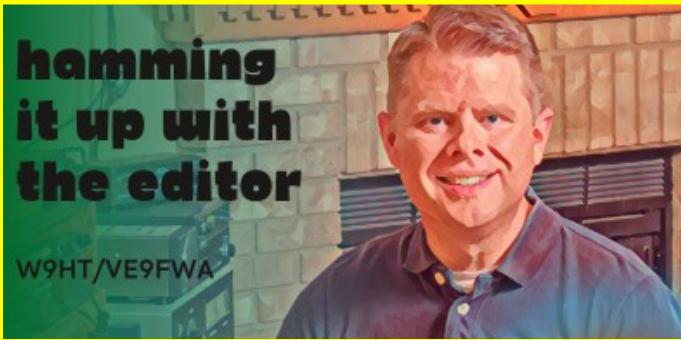
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And much,  
much more!



For many years, it has seemed that summer begins with the Dayton/Xenia Hamvention and ends with the **Findlay Hamfest**. Well, Findlay begins in less than a week. Please check out the flyer in this edition of HamNews for more information.

As many of you likely know, the **ham estate liquidation for Jack, W9GT (sk)** is progressing.

Thank you to Ken, N8KR and the many other individuals who helped to make this process a more seamless process for Lisa Shutt. This was no small feat and took many hours of work.

Some estate items remain and can be found in the classifieds section of this edition. (You could easily outfit an entire shack with many of the items found in the classifieds section!)

Speaking of hamfests, the annual **Tailgate Hamfest** was a hit. All kinds of goodies were available for sale! Everyone seemed to have a great time, and I was amazed that the hamfest seemed to zoom by. Photos of this event are available in this edition as well. Thank you to everyone who attended and made this event possible.

Please note that the **K9A special event station** is scheduled to be on the air until Saturday, 9/7. The folks up in Auburn have made special certificates and qsl cards available for the occasion. I can attest that the certificate can be a handsome addition to any shack! Listen for them on the air, and give them a call.

The **higher HF bands** continue to be hot! Contacts with stations well into Asia seem to be a daily or semi-daily occurrence, although 6m has been a significant disappointment (I will have to lodge a complaint with the angels responsible for propagation on that band!).

On a different note, I have been exploring the “dark side” of **LOTW and QSL logbook** after keeping hardbound logs for 25 years. I have very much enjoyed handwritten logs over the years, but also see the utility of online logging. However, I will not give up on paper qsl cards. Nope!

On a concluding note, another **in-person VE session** will be held on Saturday, September 21st at Indiana Tech. (Thank you to AE9YL, K9BAT, and K9JFG who made the July session possible.)

Have a great month and see you at Findlay!

73,

*Josh, W9HT/VE9FWA*

## ALLEN COUNTY HAMNEWS

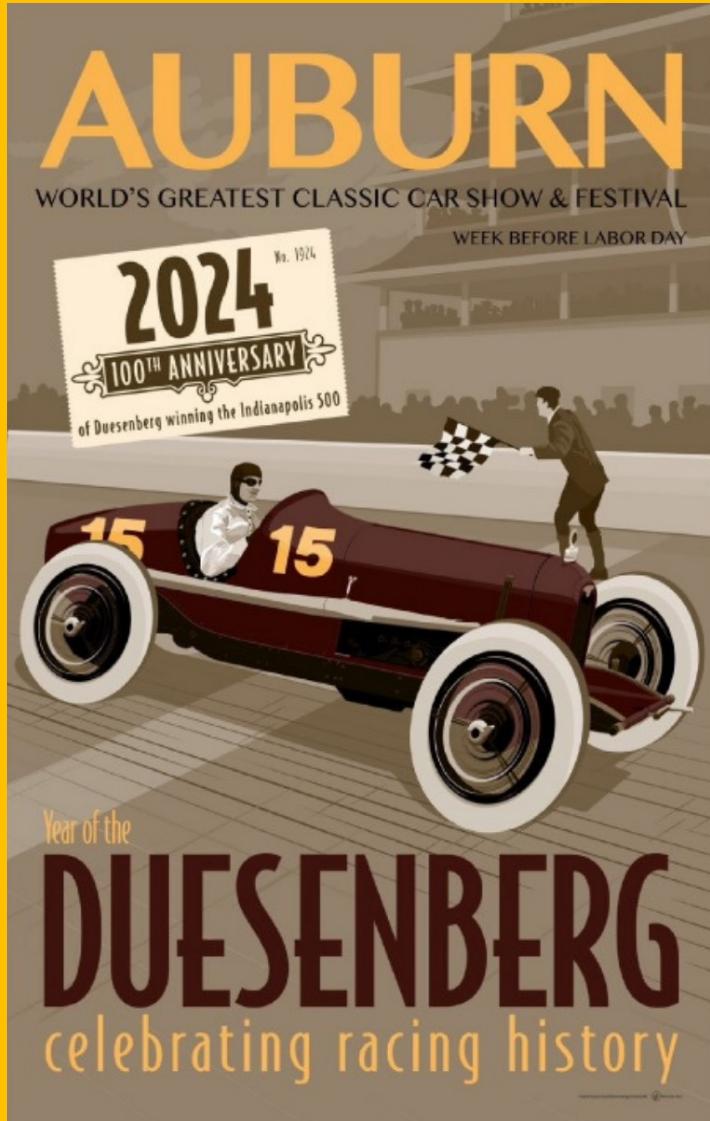
HamNews is a monthly, joint publication of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, and the Fort Wayne DX Association.

Articles are written by members and friends of the three clubs. New submissions for HamNews are always welcome. Please send your information to the editor within two days of the end of the month for inclusion in the next edition.

HamNews Editor

Josh Long, W9HT

[drjoshlong \(at\) gmail.com](mailto:drjoshlong(at)gmail.com)



CONFIRMATION  
WITH  
Amateur Radio Station  
**YOUR CALL  
HERE!**

in recognition of contact with  
Special Event

**K9A**

The Auburn Cord Duesenberg Festival

Auburn, Indiana - Where the Auburn, Cord And Duesenberg Automobiles were Designed and Manufactured

Contact this annual special event station and  
be eligible to receive the exclusive certificate  
shown above (and a special QSL card too)!

See the following website for more information:

<http://www.qrz.com/db/K9A>

## Skywarn net activates for June and July severe weather

By Jay Farlow, W9LW,

Skywarn net manager

Several severe weather events kept the Allen County Skywarn net busy in late June and in July.

### June 25

On June 25 at 6 a.m. the Storm Prediction Center (SPC) issued severe thunderstorm watch number 456 for an area that included Allen County. SPC meteorologists were concerned about the risk that an ongoing severe complex of thunderstorms would pose a threat of damaging gusts. In addition, a newer belt of strong thunderstorms had the potential to become severe over northern Indiana, perhaps merging with the trailing part of the earlier activity.

Chad Beach, W9GGA activated our net in standby mode at 6:46 a.m.

At 8:45 a.m., Jim Stephens, K9BAT took over as net control station (NCS). Jim discontinued net operations at 11:22 a.m., when the potential for severe weather in Allen County ended.

The National Weather Service (NWS) canceled severe thunderstorm watch number 456 for Allen County at 11:54 a.m.

No stations transmitted storm spotter reports during this oper-

ation. The following stations checked in:

AC9XS, AC9XU, KA9IPA, KB9IKH, KB9JR, KB9OS, KB9YTT, KC9PVE, KC9RAF, KC9SJP, KD9AVB, KD9LFW, KD9OKT, KD9QHI, KD9ZDW, KD9ZFP, KD9ZGB, KD9ZGB, KD9ZJP, KE9IWX, N9VKE, W9HT, WB9TYJ and WB9UDW.

### July 14

July 14 was a particularly busy day for hams who are involved in public service, when the NWS issued a severe thunderstorm warning for Allen County while Amateur Radio Emergency Service (ARES) members were busy providing communications for a large bicycle touring event.

At 12:50 p.m., the SPC issued severe thunderstorm watch number 532 for Allen and nearby counties, because meteorologists expected a line of thunderstorms over northern Indiana to pose a risk of locally damaging wind gusts and hail.

At 12:52 p.m., the NWS issued severe thunderstorm warning number 71 that included a small portion of southwestern Allen County because radar indicated a severe thunderstorm near Markle that could contain 60 mph wind gusts. Of the three, 25-mile loops that made up the bicycle tour, part of one was in the warning polygon. The warning was scheduled to expire at 1:15 p.m.



**SKYWARN**  
**WEATHER.GOV**

Five minutes after the NWS issued the warning, while Jerry Etnier, KD9QHI began the Allen County Skywarn net in directed net mode while he was still serving as NCS for the ARES net.

At 1:02 p.m., the NWS canceled severe thunderstorm warning 71 for Allen County because the storm had weakened. Because watch number 532 remained in effect, Steve Clower, AC9XS took over as Skywarn NCS at 1:03 p.m.

Steve discontinued Skywarn directed net operations at 1:10 p.m. and placed the net into standby mode. He discontinued standby mode at 1:28 p.m. because the storm system had moved out of the area.

The NWS canceled severe thunderstorm watch number 532 for Allen County at 1:52 p.m.

No stations transmitted storm spotter reports during this operation. The following stations

checked in: K9BAT, KB9JR, KC9CGG, KD9NYY, KD9ZFP, KD9ZGB, W2TAZ, W9KMH and WB9TYJ.

### **July 16 (see radar image on the cover)**

A late-night severe thunderstorm watch led to net activity on July 16. At 12:35 a.m., the SPC issued severe thunderstorm watch number 543 because a long-lived bowing line of storms was moving toward the area. The watch indicated that the storms could contain occasional damaging gusts of up to 70 mph, isolated hail of up to one inch in diameter and a tornado or two.

Chad Beach, W9GGA placed the net in standby mode a minute later.

At 12:49 a.m., W9CLC reported a measured wind gust of 51 mph.

The NWS issued severe thunderstorm warning number 87 for Allen County at 12:50 a.m. It was scheduled to expire at 1:30 a.m.

At 12:55 a.m., NT9F reported a wind gust with an estimated speed of 45 mph.

At 1:32 a.m., Chad discontinued net operations because storms had moved out of the area.

At 1:45 a.m., K9BAT reported storm damage consisting of a fallen tree blocking Calhoun Street near Tillman Road in Fort Wayne.

At 2:37 a.m., the NWS canceled severe thunderstorm watch number 543 for Allen County.

In addition to those listed above, the following stations checked in during this operation:

AC9XS, KB9AYS, KB9DOY, KB9JR, KB9WWM, KC9CGG, KC9SJP, KD8JBS, KD9MSD, KD9NIV, KD9OKT, KD9QHI, KD9QXB, KD9RAF, KD9ZDW,

KD9ZFP, KE9AXD, N9IYI, N9JFS, N9RAG, N9WLW, W2TAZ, W9KMH, and WB9TYJ.

### **Skywarn training net going strong**

Jim Stephens, K9BAT, who founded and manages the Allen County Skywarn Training Net, provided the following report:

Our Skywarn Training Net is off to a great start! Since the net started three months ago, we have added three NCS operators, which gives us a full complement.

Jerry Etnier, KD9QHI has been a Skywarn storm spotter and chaser for the last several years. Jerry has completed the basic Skywarn training, as well as FEMA courses recommended by ARES. Jerry has served as net controller for several ARES-supported events in our area.

Kory DuMont, KD9ZDW has taken basic and advanced spotter training, as well as an NCS operator course. He hit the ground running and is a capable operator.

Don Sell, WB9TYJ joined our team in early July. He is a meteorologist at Fort Wayne International Airport. He was one of the pioneers of co-ordinated weather spotting that predates Skywarn.

Jerry, Kory and Don join a team of Training Net NCS operators that includes Steve Clower, AC9XS; Chad Beach, W9GGA and me.

Steve is a rock-solid NCS operator with basic Skywarn training who always has a cool head and is meticulous in his role as net controller.

I've had basic and advanced Skywarn training. I actively participate in ARES and have served as NCS operator for several events.

I saved Chad for last. He's had the basic Skywarn training and is the Elmer in our group. For more than 15 years Chad has been heard often activating our operational (vs. training) Skywarn net. Whether it's severe thunderstorms, tornados, or derechos, Chad's been there and done that in a cool professional manner with unparalleled attention to detail.

Jay Farlow, W9LW is our Skywarn operational net manager and assistant ARES emergency coordinator for Allen County. He has a list of training and credentials that is long and distinguished.

Jim Moehring, KB9WWM is the ARES emergency coordinator for Allen County and serves as a spotter and backup NCS operator. His contributions to ARES and Skywarn are legendary across the state of Indiana.

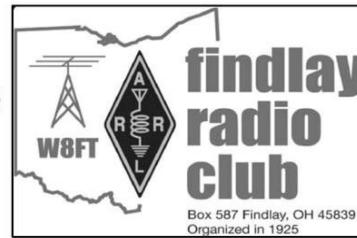
We are experimenting and trying different things with the Training Net. For example, our net is always an open net. We leave long pauses to encourage participants to make comments or ask questions. So far, we're making tons of mistakes.

**That's great!** That's one of the purposes of the training net. The net's participation has been good. Please join us so we can train together every Wednesday at 8 p.m. on the 146.88 MHz repeater (transmit 141.3 Hz CTCSS). Everyone learns something during each meeting.

P.S. from W9LW: The cover shows an NWS image that shows radar data and a severe thunderstorm warning polygon from the early hours of July 16. It clearly shows the bowing echo that was approaching Allen County at the time NWS issues the severe thunderstorm warning.



# 2024 FINDLAY RADIO CLUB HAMFEST



RAIN OR SHINE

FREE PARKING

SUNDAY, SEPTEMBER 8

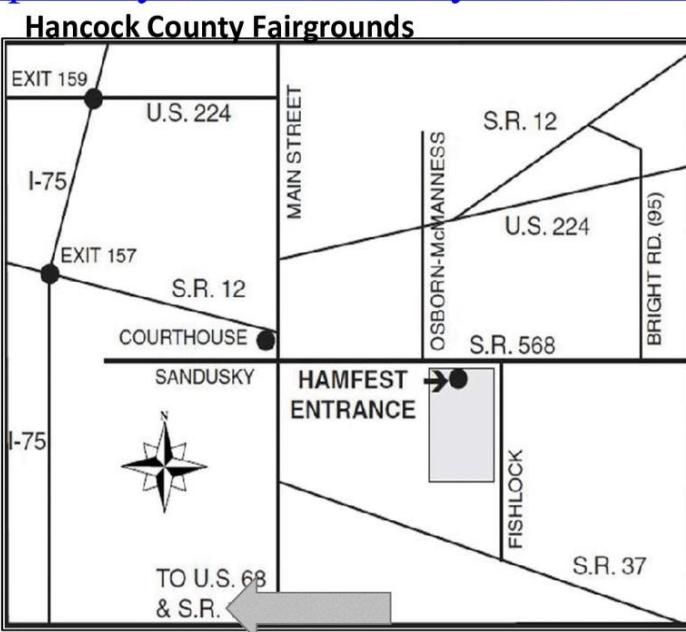
Hancock County Fairgrounds  
1017 E. Sandusky St., Findlay, OH 45840

**General Admission STILL JUST \$10  
\$20 Vendor Table (\$15 each additional table)  
Each Flea Market Space \$10  
\$25 Overnight Fee**

**Vendor Set-up – 6:00am  
Doors open at 8:00am**

For Ticket Sales:

<https://buytickets.at/findlayradioclub/1195722>



Contact Us:  
Talk In: 147.15+ (PL 88.5)  
444.15+ (PL 88.5)  
Phone: 419-423-3402  
Email:  
[hamfest@findlayradioclub.org](mailto:hamfest@findlayradioclub.org)



## LITTLE RED BARN NET

### LRBN August Update

We had another great month on the Little Red Barn Net (LRBN) which meets on Monday thru Friday at 9:00am on 3.820 MHz LSB. We have about 10 to 15 check-ins per day (80m has been bad), with self-generated topics each day by the check-ins.

Also, we have a lunch every two weeks alternating from north Fort Wayne to south Fort Wayne. We usually have 10 to 15 participants at each lunch.

We had several lunch this month on 8/1 at Olive Garden, 8/15 at Smokey Bones, and 8/29 at Big Eyed Fish. It's always a great time to eat and socialize with friends.

The next upcoming lunch dates would be 9/12, 9/26, and 10/10 at 11:30am on each date.

If you want to be on the LRBN email list, let me know at [gmrepair1@aol.com](mailto:gmrepair1@aol.com), or message me at 260-437-4676 with your email and call sign or name.

Net control operators are also follows: Monday KU8T Tom, Tuesday K9FW Al, Wednesday KD9HAV Norm, Thursday KE9IWX Jim, and Friday WB9TYJ Don. Friday includes Amateur Radio New-

sline after the net.

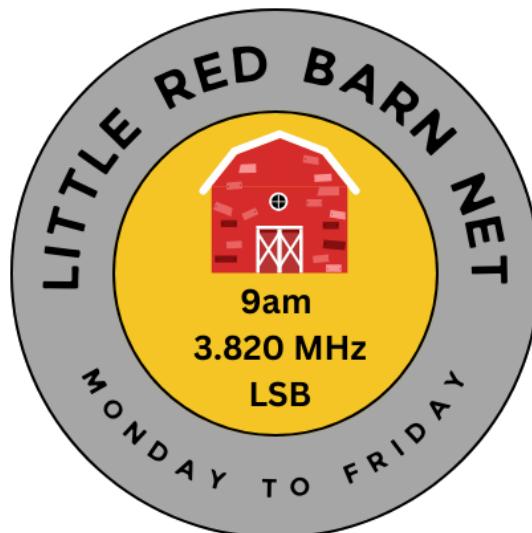
We have a web page at <https://gmrepair1.wixsite.com/mobile> works with mobile and desktop browsers. The page includes lunch information (times & dates), pictures of previous lunches, and other information.

Also we have at [lrbn@groups.io](mailto:lrbn@groups.io) | [Home](#), but you will need to sign up. This is where we vote for the next lunch. Let me know if you need help .

Also, our net controls use Netlogger. You may download the program at the Download Center ([netlogger.org](http://netlogger.org)). Also, for smartphones, there is Net Scraper. On, the Android go to Play Store, and on iPhone, go to App Store and download this app.

73,

*KU8T Tom*



# Hamsplatter

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Fort Wayne Radio Club      P.O. Box 15127, Fort Wayne, IN



**From the  
President**

Welcome to September. We are now in the final third of the year. As the weather starts to cool down a little, we get to enjoy some more time in the shack. The September VHF contest is approaching, which is always a fun contest. One of the positives to come out of the 2020 quarantine was my discover of 2m weak signal. I've been hooked since.

With Tokyo wrapping up, we've seen some exciting announcements from Icom and Yaesu. The IC-7760 is looking to be my next shack radio with the Yaesu FTX-1F being a QRP/satellite operators dream. Hopefully they will be released before Christmas so we can be surprised.

One of the key items I wanted to accomplish in becoming president was to modernize the club. A component of that was the use of high speed data in emergency communications using a system called AREDN. Many have asked me what this is, so for the September club meeting, I will give a presentation over AREDN and how it can be used in emergency communication, in a club, and by individuals.

Finally, I wanted to put a couple of contests on your radar in the coming months. The first is

School Club Roundup. I do have a personal buy-in with this, being a teacher at a school with an amateur radio club. The second contest is the Collegiate QSO Party. Both of these are a great opportunity to participate in a low pressure contest that is dominated by youths. For many, this will be their first contact. This is a great way to make that contact a positive for them.

That wraps up the column for this month, but I wanted to give recognition to all of the club members involved with W9GT's estate. Ken N8KR lead an excellent team and helped out a family that was overwhelmed by the amount of equipment he left behind. All of the club members involved really helped and did an amazing job in relieving the family of the stress and burden of clearing out two storage units of equipment ahead of the original proposed schedule. I have no idea how they did it. I'm convinced that Ken must be a wizard with how everything went.

Thank you for your time in reading. If you have any feedback, email me at kd9nrt@gmail.com. While I don't respond to every email, I do read them all, and your feedback is important in driving the club.

73,

*Adam, KD9NRT*

**FWRC Officers  
2024**

**President**

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kd9nrt(at)gmail.com

**Vice President**

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w9san(at)arrl.net

Terry Bowman, K9FMX  
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tjbowman(at)frontier.com

Jim Stephens, K9BAT  
kd9nyz(at)gmail.com

Larry Temenoff, KB9OS  
(260) 490-3089  
temenoff(at)pfw.edu

# WGTE Estate Event





IN PERSON!

# VE SESSION

# SEPTEMBER

Get your first ham radio  
license or upgrade!

SATURDAY, SEPT. 21, 10AM-NOON

CUNNINGHAM BUSINESS CENTER  
INDIANA TECH  
CORNER OF MAUMEE & ANTHONY AVES.  
FORT WAYNE

- Preregistration preferred; walk-ins accepted.
- Testing will conclude by noon.
- Cost: \$15 (\$5 for less than 18 years old)
- For more information, please contact Josh, W9HT at [drjoshlong \(at\) gmail.com](mailto:drjoshlong@gmail.com) or 260-749-9851..

# 2024 Tailgate Hamfest



# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



**From the  
ACARTS  
President**

A big thank you to the Northeast Indiana Amateur Radio Association (NIARA) especially Jeff Delucenay KB9QB, John Rostofer W9GK and Jim Bassett W9YME for bringing down and arranging a tour of the W9OU Communications Trailer to our August ACARTS General Meeting at the Red Cross. It was a nice evening for the trailer to be setup for the tour. The crew had arrived shortly before 6:30 to setup the trailer, radios and antenna. They have things well organized to the point that it only takes a short amount of time to have the basics setup.



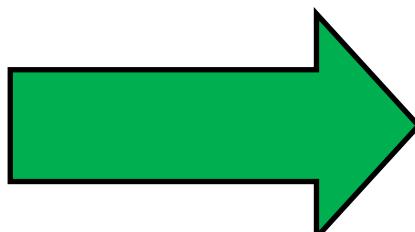
I can tell you the three members have had plenty of practice and we're quick about the setup. So, anyone that showed up early and up until 8:00 had a chance to ask questions and take a peek. Several NE Chapter Red Cross Staff attended the presentation which fostered relationships for the future as well. Unfortunately, we had some business to take care of so we had to proceed inside

into the meeting. So I did feel guilty about them having to pack things up but I also realize they needed to head back home as well. For more information about NIARA log onto <http://www.w9ou.org>.



ACARTS Board members met again with Red Cross representatives in August to discuss opportunities to benefit both organizations. A tour of the communications room occurred and some plans were made to move forward.

We will be voting in September in person at the General Meeting and on MS Teams online on our new By-Laws, Constitution and Policies. Lots of work went into this from a five member committee. Look for notices and information via Ham Club Online emails from ACARTS and acarts@grouos.io.



**ACARTS Officers  
2024**

**President**

Dan Dahms N9WNH  
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**W9INX Trustee**

Dan Dahms N9WNH  
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n9wnh(at)yahoo.com

I am also looking for three ACARTS members to serve on the election nominations committee please contact me as soon as possible. If there is anyone interested in serving on the board for 2025 contact me as well.

The ACARTS Fort Wayne Hamfest will be coming soon in November and we will need your support. Most people don't realize the amount of volunteers that are needed for this event. If you have interest in helping or have questions please contact your past 2023 Division Manager, Hamfest/Fundraising Manager Fred Gengnagel KC9EZP or any ACARTS Board Member. Phone numbers and emails are listed here on this page.

The next ACARTS General Meeting will be held on Tuesday September 17th at 7 PM at the Northeast Chapter of American Red Cross 1212 E. California Rd. Fort Wayne, Indiana. All are welcome to attend as always.

73,

Dan N9WNH



**PLEASE PROGRAM ALL YOUR  
RADIOS TO TRANSMIT A 141.3  
HZ TONE ON THE INPUT  
FREQUENCY (146.280) FOR THE  
ACARTS 146.880 (-) REPEATER  
IN CASE OF LIMITED FUTURE  
NEED.**

| Upcoming ACARTS Events |                                  |                                 |                                     |  |                                   |        |
|------------------------|----------------------------------|---------------------------------|-------------------------------------|--|-----------------------------------|--------|
|                        | ACARTS Board Meeting             | 9/10/24<br>(Tuesday)<br>7:00 PM | MS Teams<br>(Online)                |  | Monthly Board Meeting             | ACARTS |
|                        | ACARTS General Meeting           | 9/17/24<br>(Tuesday)<br>7:00 PM | At Red Cross & MS Teams<br>(Online) |  | Monthly General Meeting           | ACARTS |
|                        | ACARTS Hamfest Committee Meeting | 9/24/24<br>(Tuesday)<br>7:00 PM | MS Teams<br>(Online)                |  | Hamfest Committee Manager Meeting | ACARTS |



# HERE COMES CIVILIZATION

## By Carl Luetzelschwab K9LA

When we moved to Ft Wayne in early July 1988, our first priority was to find a house. We only had two requirements – a big kitchen and the ability to put up towers and antennas. We soon found the house that met both requirements – it was in a rural area north of the Ft Wayne city limits. Until we could move in, we lived in the Canterbury apartments – that was okay as they had a pool and it was a warm summer.

When we moved into our house around the middle of October, I hurried to put up a temporary tower – just 20 feet of Rohn 25. I put my 4-element 10m monobander on it, and I enjoyed getting back on the radio. 1988 was around solar maximum for Cycle 22 (a moderately big cycle), and working DX was great. The next year I found a used 80-foot aluminum tower with a hinged base. It went up as a 72-foot tower due to one section being damaged beyond repair.

In the subsequent years, I played with many towers and antennas. It was nice being able to put up whatever I wanted. And I was young back then, too, so I had lots of energy to do many things with those towers and antennas. It was also a quiet rural noise environment, which helped on the low bands.

In the intermediate 36 years between when we moved to Ft Wayne and now, civilization has slowly been creeping north. We're still out of the Ft Wayne city limits, but who knows what will happen in the following years.

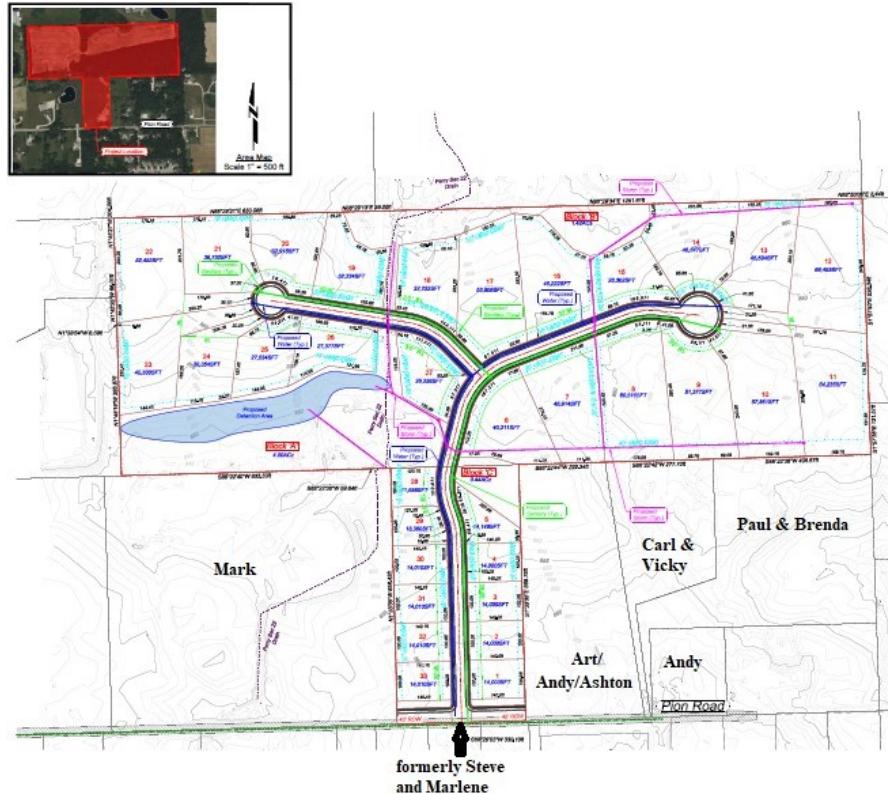
A couple months ago, Steve and Marlene (our neighbors who were two fields to the west) realized that it was getting tough maintaining their property. They sold their house and property to Mark, who was our neighbor that lived three fields to the west. Mark also owned the strip of woods along the northern boundary of all of our properties. When Mark had Steve

and Marlene's house razed, we started getting worried.

Mark sold Steve and Marlene's property and the strip of woods to a developer. That totaled 33 acres. The developer plans to put in 33 one-acre lots. See the accompanying map for the relationship of this new housing development to our QTH.

Our backyard will now have several wooded-lot houses to the north. More than likely the electrical utilities will be underground – that should help with any noise issues. But if some of the close-by houses have noisy electrical devices, my quiet rural noise environment could be compromised.

Due to my involvement with the ARRL's EMC activities, I have a small SDR (along with a short calibrated whip antenna) that measures noise from 66 KHz to 31 MHz and compares the measurements to the ITU noise environments. It will be interesting to see how much, if any, my noise increases. In the next FWDXA column, I will describe this noise measurement system.





## FOXHUNT CHRONICLES

August 4<sup>th</sup> was a nice day, kind of hot and humid, but still pleasant with zero chance of rain and lots of nice cloud cover with a light breeze. Well, that is how it all started out that is! For the FWRC August Fox Hunt, the fox was Steve, W9SAN, with spouse W9LAN distracted with grandson Wyatt and a plan to join up later.



At the start point of the Hunt, near the geographic center of Allen County Indiana, were two teams, Jim & Anne & Al & Carole, K9OMA, KA9YYI, WB9SSE, WB9RUS, and the team of Charles, KC9MUT, with friend Angi, ready to go. They were joined by newbie hunter, Jerry, K9JFG, who came out and was able to ride along with Charles and Angi.

Steve had chosen Riverside Park in Leo-Cedarville on the St. Joseph River as a good hiding spot. Parking the car in the parking lot, Steve took a LiFePo battery, an FT-1900, and a roll up dual band vertical with a paint pole and walked to shaded spot overlooking the river. With this combination, he could run up to 50 watts for hopefully good signals down at the starting location of the hunt. The sunny day was starting to get a little darker at this time.

At 1:30 pm EDT, the Hunt got under-

way! The hunters all heard the signal, but was a little weak, so Steve bumped up to the full 50 watt level. After that, no negative comments were heard, so as time rolled on, the power was eventually dropped down to the 5 watt level. As the day wore on, however, the sky got darker, the air felt cooler, and I was starting to doubt the “zero chance of rain” my iPhone was telling me.



Around 2:05 pm (rather short hunt), it was reported to me that both teams were on location at the park. Charles, Angi, and Jerry then appeared walking toward my location. The microfox was hidden in the fork of a tree not far from the high power fox position. Charles used his equipment to show the approximate location, but it was newbie Jerry, without a radio in his hands, that spotted the microfox in the tree! New guys often win! But he did not touch or move it as he noticed some poison ivy close by. Steve didn't see this when placing the micro fox; hmmm.

About this time, the duo of Jim and Al appeared and quickly found the micro fox. We then discussed where to go for our after hunt yummies. The Dairy Sweet in Grabill was selected as it was nearby, and all drove down there for some treats.



The next hunt will not be on the usual first Sunday of the month, as it will be September, and the first Sunday will be Labor Day weekend, and the sec-

ond Sunday will be the Findlay, OH, Hamfest, so please join us on Sept. 15<sup>th</sup> to hunt down the wily Fox (K9JFG)! It is a lot of fun and we are always ready to help out any hunting newbies!

73,

*Steve, W9SAN*



DON'T  
FORGET  
THE  
NEXT  
FOXHUNT  
ON  
9/15!

# Tuning Up

WITH AC9EZ

## A MAGNETIC LOOP FOR POTA - COMING SOON!

Hello my fellow radio bugs! Welcome to September and the September HamNews. With September comes cool fall weather, another semester of academic pursuits, and lower atmospheric static (e.g. better dx conditions). However, what also comes with the season of Autumn is time to prepare new radio projects. For me, September – mid December is a busy time with classes and studying, but I like to get a head start on planning future ham radio projects. This month, I'm going to draw back the curtain a little and detail some plans I have for a future Parks on the Air (POTA) portable antenna called the "Magnetic Loop." This column will focus mostly on implementation and utility versus technical specifications, but for those interested in the technical description of magnetic loops, please visit the links mentioned below.

### The General Idea

The design specifications of a magnetic loop antenna are quite simple. Magnetic loops generally consist of some kind of thick radiator either thick coax cable or sometimes copper tubing, bent into the shape of a circle. A "coupling loop" is positioned in near proximity to the top of the main radiating loop, with the

coupling loop connected physically to your radio via a variable tuning capacitor and coax cable.

Although I will not go too far into the technical specifications of the magnetic loop design, it should be noted that there are two obvious differences between a magnetic loop antenna and a traditional half-wave or full-wave loop. Magnetic loop antennas are quite small – approximately  $1/10$  of a wavelength ( $\lambda/10$ ). Half-wave or full-wave loops are exactly what it says on the tin – a half-wavelength or a full-wavelength in overall circumference. This means that magnetic loop antennas are quite small as compared to their big cousins.

A second difference between magnetic loop antennas and their half/full-wave cousins is the method of feeding the antennas. Half-wave and full-wave loops are typically fed directly with coax cable. However, a magnetic loop is not fed directly with coax. Due to its inherent design, a magnetic loop antenna consists of two separate loops – a main "resonator" loop, and a "coupling" loop. The coupling loop is a small diameter loop of coax cable that is connected to your coaxial cable. The coupling loop is then placed in close

proximity to the main "radiating" loop, allowing the coupling loop to drive or excite the main radiating loop, producing your radiated signal. This is a similar process to how W1ZR was able to cover two different frequency bands with his skeleton-sleeve, folded dipole design. Also keep in mind that to adjust the resonant frequency of a magnetic loop antenna, a variable capacitor is required (connected to the main radiating loop). The overall design of the magnetic loop, although simple, is a bit involved and I encourage everyone to check out KB9RLW's youtube videos listed at the end of this column for more information on how this design works in real life.

### Parks on the Air and Magnetic Loop antennas

My intent with this magnetic loop antenna is to add another portable antenna to the POTA antenna arsenal. Typically, my POTA activations last anywhere from 20 minutes to maybe 2 hours. This is not a lot of operating time. Ergo, any POTA activation I undertake must have a minimum of set up and take down. Additionally, I need to know that whatever antenna I use works reliably every time I do an activation.

Portable antennas fit my activation needs conveniently. With their light weight and easy installation, portable antennas fit my operating situation perfectly. A magnetic loop antenna is a perfect example of just such a portable antenna. First and foremost, magnetic loops, especially those built with coax cable, are very light and easy to set up. Second, magnetic loop antennas are electrically simple with relatively few solder connections. The fewer the solder connections, the less that can go wrong when installing and using an antenna. Third, magnetic loop antennas are surprisingly effective and efficient radiators. Although not nearly as efficient as full-size (e.g. half/full-wave) antennas, magnetic loop antennas can be used just as effectively as hamstick antennas (and potentially more so if my sources are correct).

The magnetic loop antenna I will be building will consist of either rg-8 or rg-213 coax cable for the main radiator, rg-58 coax for the coupling loop, and an air variable capacitor I found at the W9GT sk estate sale. The loop will be held in a circular form via  $\frac{1}{2}$ " pvc pipe. Some sort of small, stable base or a tripod-mount will be used to mount the antenna.

The targeted frequencies of operation are primarily 20-10 meters, although I will probably build the loop to accommodate 40 and 30 meters (80m on a

portable loop is, practically speaking, out of the question). Efficiency on 40/30 will be lower due to the size of the main radiator, but this is to be expected. Magnetic loop antennas, like any antenna design, must be optimized for a particular range of frequencies. A loop optimized for 40/30 meters will work on 10 meters, but not as well as a loop designed for 20-10 meters, and vice versa.

For those interested in more technical description of the magnetic loop antenna, please watch the following videos done by KB9RLW on magnetic loop antennas:

### **Designing a magnetic loop antenna (KB9RLW):**

<https://www.youtube.com/watch?v=xWC7gvUAcPA>

### **Building the magnetic loop antenna (KB9RLW):**

[https://www.youtube.com/watch?v=pbG8S\\_jXnWU](https://www.youtube.com/watch?v=pbG8S_jXnWU)

### **Testing magnetic loop antenna efficiency (KB9RLW):**

<https://www.youtube.com/watch?v=UspNi7EbQeU>

*73 and good dx!*

*De Jim, ac9ez*



# Local



# News

Operating activities during the month of August follow.

For the Weekend Sprintathon (WES) on August 10 & 11, the following local operators participated. QSO count is shown.

|           |           |
|-----------|-----------|
| N8KR 106  | W9HT 50   |
| K9FW 80   | KA9GKE 41 |
| WA9BBN 80 | W9GOO 26  |
| AC9XS 63  | WG9K 26   |
| W9SA 56   |           |

For the Two Hour Straight Key Sprint (SKS) on Tuesday evening, August 27 (8-10 PM local), the following local operators participated. QSO count is shown.

|           |          |
|-----------|----------|
| N8KR 68   | W9SA 25  |
| K9FW 52   | N9DGL 16 |
| WA9BBN 30 | WG9K 14  |
| W9HT 29   | W9GOO 12 |

73,

*Ed, WA9BBN*

## SKCC Ham to the Rescue! ... de N8KR

The brotherhood of ham operators is special . . . even more so with SKCC! Whenever I travel I try to look up an SKCC member for a visit. It's remarkable how welcoming my contacts are and I've had the opportunity to meet some SKCC members. Last weekend my wife and I were traveling back from Florida to Indiana after spending some time with family matters. On our drive we stopped at a Burger King in Buford, GA for a quick bathroom stop and fast burger. During that visit my wife left her billfold in the bathroom. It was more than 200 miles later when she realized she had lost her billfold, money, driver's license, and credit cards! Now in North Carolina we are wondering what to do. Burger King would not answer their phone, the police would not stop and check nor would the fire department.

Drive back????? I thought for a moment, looked at the SKCC website and found 7 SKCC members in Buford. Further checking found one SK, a couple more many miles away from the Burger King, and one 1/2 mile away! (You know you can search by call, name, city, state, etc?) K4SDM #24917 was also found on QRZ for email info and I shot him an email explaining who I was, what had happened and my desperation in trying to locate the lost item. 20 minutes later I got a phone call from Steve telling me he had gone to BK and they gave him Deb's wallet! WOW! The next morning I received UPS tracking info for shipping back to my home in Indiana.

Two days later we were home and the wallet had arrived with nothing missing! Steve – K4SDM did what most of us would do: go above and beyond to help someone: especially a fellow ham! My gratitude for what he did was much more than a thank-you although he wanted nothing in return. This is who we are!

## 2024 ARRL Central Division Convention: Elkhart, IN Hamfest

Indiana SKCC shines one more time at the Elkhart, Indiana Hamfest! Not only did we sponsor an SKCC informational booth we also were on the air at the W1AW/9 special event station! It was fun to be a part of the Central Division Convention. Working with the Elkhart organizers, SKCC provided keys (including paddles) for use at the two special event station running W1AW/9. We also provided operators for one station. Kurt – KC9Z from Fort Wayne made a “lion’s share” of contacts giving out W1AW’s SKCC number! (We were even spotted on the SKCC Sked Page) Meanwhile, Ed – WA9BBN and Rose – KA9GKE headed up the SKCC booth along with Josh – W9HT and Ken – N8KR passing out a lot of SKCC literature and even signing up some new members. It was a great event and we were proud to be considered as a sponsor/supporter of the Hamfest! The Elkhart organizers do a great job!



Ken – N8KR, Ed-WA9BBN, Rose-KA9GKE

Kurt-KC9Z running W1AW/9 for SKCC!

ACARTS Board Meeting (online via Microsoft Teams)

Tuesday, July 9, 2024  
7:10pm – 9:00pm

Attendance (8):

President: Dan Dahms (N9WNH)  
Vice President: Chris McCullough (W9TSB)  
Absent: Secretary: Stuart Hall (KD9LFW)  
Treasurer: Kevin Hecksher (W9KMH)  
Station Manager: James (Jim) Sampiere (KD9NPL)  
Fundraising Manager (Hamfest Manager): Fred Gengnagel (KC9EZP)  
Board Member: Howard Pletcher (N9ADS)  
Board Member: Steve Shannon (K9SKS)  
Board Member: James (Jim) Bassett (W9YME)



Dan Dahm (N9WNH) reviewed the minutes from the Board Meeting of June 11. Dan Dahms (N9WNH) provided one correction to the power supplies tested. There was another correction that it is Jim Bassett (W9YME) not Jim Sampiere who is open to helping Chris with ACARTS Facebook page once his volunteer work with the Boy Scouts is finished up next month.

Motion to approve the minutes made by Kevin Hecksher (W9KMH). Seconded by Chris McCullough (W9TSB). Passed by unanimous vote.

**Treasurer Kevin Hecksher (W9KMH)**

Kevin Hecksher (W9KMH) provided a report on current activity and balances for the club's financial accounts. (Exact numbers are available to all members upon request to the Treasurer and on Ham Club Online.)

Kevin noted the need to reissue a check to J&K as the first check has gone missing. The Astron power supply has been repaired and tested.

Kevin noted John Nash, Jr. (W9NEG) has joined the club as a new member. As he paid for a full year, Kevin has given him a \$6 credit for half the year.

The \$15 fee from PNC Bank was a wire transfer fee and has been refunded to the club.

Dan Dahms (N9WNH) and Kevin Hecksher (W9KMH) will set up a meeting with the PNC Investment Services representative as part of their search for a new investment firm for the club. They will also look into Vanguard and another firm recommended by Kevin's supervisor. After looking into a number of different firms, Dan and Kevin will bring the choices to the Board for selection.

Dan Dahms (N9WNH) confirmed that J&K are aware that a second check has been sent to them.

Dan Dahms (N9WNH) noted that Jim Bassett (W9YME) was willing to help Chris McCullough (W9TSB) in setting up the club's Facebook page. Chris noted appreciation for any assistance as his work schedule has changed and his workload has increased substantially. Jim Bassett (W9YME) stated he will move ahead with setting up the Facebook page.

**Chris McCullough (W9TSB)** noted that the FM Simplex Contest winner was Steve Nardin (W9SAN). He will e-mail Steve the certificate. Chris noted a total of 10 logs were submitted for the contest. He noted that more people participated than submitted logs. Kevin Hecksher (W9KMH) offered to print up the certificate on heavy paper and mail it to Steve Nardin.

Dan Dahms (N9WNH) brought up the idea of allowing digital simplex contacts (e.g. DMR, D-Star, Fusion) in the contest in addition to the FM analog to encourage participation and allow experimentation. Chris was open to that and it was generally met with approval from attendees. Fred Gengnagel (KC9EZP) brought up the idea that using a digital mode might add a multiplier to encourage use.

**Chris McCullough (W9TSB)** discussed that his new position at work will now involve him travelling abroad and his available time for the club is dwindling. He noted he will not be seeking re-election as Vice President. He is open to remaining on the Board though will not be very available due to his increased travelling.

**Dan Dahms (N9WNH)** noted to Kevin Hecksher (W9KMH) that they should move ahead with selling the five unused power supplies. Dan thinks the club should keep the larger 35A Astron power supply as it will be needed in the future. Dan queried the Board if they were okay with selling those power supplies outside of the local community and it was met with approval. Dan asked Howard Pletcher (N9ADS) if he could list the power supplies for sale on the club's website.

Fred Gengnagel (KC9EZP) has finalized the Hamfest flier. Dan Dahms (N9WNH) noted that Brian (AC9XU) has put together information about local resources for the Hamfest Talk-in personnel but is not certain who he himself will be able to assist in that area. Steve AC9XS is interested in helping. Dan noted he is not likely to help out with the talk-in this year. Dan noted that Kelly Clond (NT9F) is willing to help out with the Forum Manager position, getting help from Carl Leutzelschwab (K9LA). Dan will contact Kelly again, providing him the flier, and encourage him to talk with Carl.

Fred noted the work was straightforward in trying to find people to do presentations and getting new people involved. Dan noted the need for a backup person for the Forum Manager. Dan will ask if Kelly has anyone in mind to back him up. Fred is not aware of anyone at this time who could serve as backup. Fred notes that the job description was previously noted in earlier Hamfest documents and will try to provide it by the General Meeting.

Fred encouraged people to advertise the upcoming Hamfest, keeping an eye out for people who might want a table or give a presentation.

Stuart Hall (KD9LFW) joined the meeting 45 minutes late. It was noted that Stuart came in second in the FM Simplex contest. Stuart lost his connection shortly after.

Dan Dahms (N9WNH) noted that in ordering the new Kenwood repeaters the club will have to specify an additional digital mode to the analog functionality. The choice is between DMR or Nexim. It was noted that additional digital mode could be added in the future. It is not expected that the club will activate the digital mode on the 146.880MHz repeater for now. Dan noted that the repeaters are European units as American versions of Kenwood are no longer wide-banded whereas the European versions are both wide-banded and narrow-banded. Dan clarified that the repeater will allow network access to control the repeater. The general consensus was to go with the DMR option as that seems to be gaining popularity. For the UHF repeater there is the same choice though for this repeater there is the expectation that a digital mode will be activated along with FM analog. Again, the general consensus was to go with DMR.

Dan Dahms (N9WNH) noted that the ARRL has a grant program offering up to \$25,000. Dan is thinking of applying for this grant for either purchasing equipment for a possible new station at the Red Cross headquarters and/or a deployment trailer. The trailer could be for emergency deployment but also for publicity events or training events. Dan believes that the Northeast Indiana Amateur Radio Association received a grant from ARDC for \$30,000 to acquire their operations trailer. Dan asked Jim Bassett (W9YME) what NIARA trailer consists of. Chris notes that the trailer might be a resource for Skywarn, maybe even including an AREDN node.

Jim Bassett (W9YME) noted he has not received much feedback on the different logos for the club and so is planning on moving forward on the logo with the artist at an easel. The existing copies of that logo are not of good quality for magnification. Jim Bassett (W9YME) will move forward with developing that logo.

Kevin Hecksher (W9KMH) continues to work on developing an application form for the club.

Steve Shannon (K9SKS) noted he still has refreshments leftover from what he brought to the last General Meeting. He will again provide refreshments for the July 16<sup>th</sup> General Meeting.

Dan Dahms (N9WNH) noted Howard Pletcher's (N9ADS) comments on the draft of the new constitution concerning term limits and the club's historical struggle with filling positions. Howard noted his concerns that some of the rules should be more flexible rather than laid out in the constitution and by-laws so that the rules can be more easily changed.

Chris McCullough (W9TSB) posted one of the possible club logos on the online chat. Chris will also e-mail it to Dan Dahms (N9WNH) who will then forward it out to the other Board Members via email. Jim Bassett (W9YME) displayed a patch that the Northeast Indiana Amateur Radio Association as an example.

Kevin Hecksher (W9KMH) noted that he has found a tower climber willing to climb the WANE-TV tower to service the club's repeater antenna should WANE-TV grant permission. Kevin will provide the contact information for the climber to the Station Manager Jim Sampiere (KD9NPL).

**Meeting adjourned at approximately 9:00pm.**

**Upcoming Meetings:**

General Meeting: Tuesday, July 16, 7pm, American Red Cross 1212 E. California Rd., Fort Wayne, IN. Also online via Microsoft Teams. Recordings of meeting video will be posted on Ham Club Online, ACARTS YouTube channel, and the ACARTS Facebook page.

ACARTS General Meeting  
American Red Cross building  
1212 E. California Rd., Fort Wayne, IN

Tuesday, July 16, 2024  
7:10pm – 9:03pm  
Meeting also streamed online via MS Teams

Attendance:

President: Dan Dahms (N9WNH)  
Absent: Vice President: Chris McCullough (W9TSB)  
Secretary: Stuart Hall (KD9LFW)  
Treasurer: Kevin Hecksher (W9KMH)  
Station Manager: James (Jim) Sampiere (KD9NPL)  
Fundraising Manager (Hamfest Manager): Fred Gengnagel (KC9EZP)  
Board Member: Howard Pletcher (N9ADS)  
Absent: Board Member: Steve Shannon (K9SKS)  
Online: Board Member: James (Jim) Bassett (W9YME)  
Attendance: 13 (12 in person, 1 online via MS Teams)

President Dan Dahms (N9WNH) opened the meeting, having everyone introduce themselves.

**Guest Presentation: Mizpah Shrine Radio Unit (W9FEZ)**

Mark Reese (N9MR) from the Mizpah Shrine Radio Unit gave a presentation on their club formed in the early 2000s. They have three repeaters set up downtown. They have a webpage on qrz.com which talks more about their unit. The Shrine Center covers northeast Indiana consisting of 61 lodges and 1450 Freemasons. Their mission is to offer communications to Mizpah Units/Clubs and Shrine philanthropies as well as to serve area communities. Any unit member must also be a member of the Masons.

The Fort Wayne shrine has a full HF station with a four-element Yagi antenna for 20m, 15m, and 10m bands and a Butternut HF9V mounted on a metal roof for 80m, 40m, 30m, 17m, and 12m. The station also has VHF/UHF FM analog capabilities. Remote operation capabilities for WSJT-X modes are available using RealVNC. With remote operation, two operators are able to work at the same time, allowing a lower class licensee to be supervised by a higher class licensee.

The unit consistently works on Field Day from a location in Huntington.

The unit's repeaters are located on the Freemason Hall in downtown Fort Wayne. The three repeaters run at 145.330MHz, 224.780MHz, and 444.800MHz working through a single tri-band antenna. The repeaters can be cross-linked if needed. Ed Scott (K9EJS) provided a demonstration of operating the HF station remotely using FT-8 via RealVNC.

**Secretary Stuart Hall (KD9LFW)** reviewed the minutes of the June 18 General Meeting. Motion to accept minutes made by Fred Gengnagel (KC9EZP) seconded by Jim Sampiere (KD9NPL). Passed by unanimous vote.

**Treasurer Kevin Hecksher (W9KMH)**

One of the companies tuning a club duplexer did not receive the club's check for payment. A second check has been sent. Jim Sampiere (KD9NPL) made a motion to put in a stop payment order on the lost check #4442. Seconded by John Seely (WB9ZMC). Passed by unanimous vote.

Dan Dahms (N9WNH) noted that one of the old State of the Art newsletters from the 1970s noted a club membership of 220. Currently the club as 70 members.

Dan Dahms (N9WNH) noted that the \$15 fee charged by PNC was for the transfer of funds from UBS and the bank has now waived that fee. He noted that a new investment firm has not yet been found. Dan and Kevin Hecksher (W9KMH) will look into 3-4 investment firms to bring to the Board for selection.

Dan Dahms (N9WNH) noted that Jim Bassett (W9YME) has started up a Facebook page for the club, not including Hamfest. At this time only Jim has access to add material to the page.

Fred Gengnagel (KC9EZP) continues to develop job descriptions for different volunteer positions at the Hamfest.

Jim Sampiere (KD9NPL) noted from the discussion at the Board meeting of July 9 that the club has moved forward with ordering the new repeater with a DMR option, noting that other digital modes can be added in the future.

Dan Dahms (N9WNH) continues to reach out to Parkview about the digipeater repeater located on site. He noted the situation at the Russo Center is still in need of clarification.

Howard Pletcher (N9ADS) noted that he still has some hardline that was removed from an installation and cut into sections. Dan Dahms (N9WNH) noted his only interest is in the scrap value of it. A time will be coordinated to pick up the other items at Howard's property.

#### **Constitution and By-laws Revision**

Stuart Hall (KD9LFW) updated the meeting on the process of revising the constitution and by-laws, noting that the revision process has been slowed down to address the issue of creating a Policy and Procedure document. Creating such a document that can be more easily modified than the Constitution and By-laws will allow the club more flexibility to address issues such as job descriptions that may change more frequently. The intention now is for the Revision Committee to meet once more to edit the Constitution and By-laws document, removing things that will now be placed into the Policy and Procedures document.

It is expected that at the next General Meeting, the club will be at a place to discuss and formulate the final draft for review and formal adoption at the September General Meeting.

For now Stuart will do a first run through the Constitution and By-laws to be posted on HCO for members of the revision committee to review and edit through a Word document that tracks changes. An online meeting for the Revision Committee is set for Tuesday July 30 at 7pm.

**Discussion of finding a replacement for the Table Manager of the Hamfest.** Howard Pletcher (N9ADS) noted that some programming to set things up with the new payment system is needed. Kevin Hecksher (W9KMH) stated that he can set that up. The need to find someone to take over as Table Manager was discussed. There is not a job description written up yet though Howard is noting what needs to be done as he is doing it. Howard is open to anyone contacting him for information on the tasks involvement. Kevin notes that he has the ability for printing at his office.

Dan Dahms (N9WNH) is still trying to meet with the Red Cross about setting up a radio station at this building.

Dan Dahms (N9WNH) noted his idea of getting a grant from the ARRL or the ARDC to build a club communications trailer similar to the one the Northeast Indiana Amateur Radio Club from Dekalb County has built. It would be ready for emergency deployment as well as special events and community outreach. It was noted that NIARC spent \$30,000 for their trailer.

At this time recording of the meeting was stopped to allow the Treasurer to provide a financial report.

#### **Treasurer Kevin Hecksher (W9KMH)**

Kevin Hecksher (W9KMH) provided a report on current activity and balances for the club's financial accounts. (Exact numbers are available to all members upon request to the Treasurer and on Ham Club Online.)

It was noted that UBS will send a check for the remaining dividends to avoid any fees for electronic transfer.

**Motion to adjourn** at 9:03pm made by Stuart Hall (KD9LFW) seconded by Fred Gengnagel (KC9EZP). Passed by a voice vote.

#### **Next meeting(s):**

Constitution & By-Laws Revision Committee meeting, Tuesday July 30, 7pm, online via Microsoft Teams

Board Meeting: Tuesday, August 13, 7pm, online via Microsoft Teams

General Meeting: Tuesday August 19, 7pm, American Red Cross 1212 E. California Rd., Fort Wayne, IN. Also online via Microsoft Teams. Recordings of meeting video will be posted on Ham Club Online, ACARTS YouTube channel, and the ACARTS Facebook page.

**FOR  
SALE**

This section of the Allen County HamNews is available for local hams to list any ham radio related gear for sale or to place any ham radio related want ads.

Listings are posted for one month, but can be renewed upon request of the editor.

Please see page two for contact information.



- Kenwood TS-790A 2/440 all mode base transceiver. Manual included. \$300
- Bencher paddles, old, but in great condition. \$40
- Bencher paddles, old, but in good condition. \$30
- Heathkit SB-610 monitor scope, works great. Manual included. \$50
- TYT-9000D 220 FM radio, very light use. \$75
- Ameritron ARB-704 amplifier interface. Have 2. \$55

For any of these items, contact Al, K9FW at 260-247-1939 or catch him on the 146.910 repeater..

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⇒ For Sale - Ten Tec Corsair Station: power supply, radio and external VFO. 100 watts out, has the WARC bands, connecting cables and original Ten Tec boxes. It needs a microphone or plug in your straight key! \$250

For this station, contact Ken, N8KR at N8KR (at) hotmail.com



- 
- Heavy duty tripod. Closed 41 " tall. Open 67 " tall. Top will take a 1.250" OD PVC, Wood, or whatever to extend the total height. \$45.00

For this item, contact Terry, N9ZI at 260-827-0536 or at n9zi(at) inbox.com

# ESTATE SALE

Most of the items from the W9GT estate have found new homes!

However, the many bins of parts shown in the photos are available at a price of \$5 per bin (a complete bin or more must be taken as-is to obtain this bargain price). If not sold by Friday, 9/6, these will be available for sale at the Findlay hamfest.

Also, a National HC-2 and matching speaker (not shown in photos) are still available for sale for best offer.

For these items, please contact Ken, N8KR at n8kr (at) hotmail.com.



## Heathkit SB-200 amplifier \$400

Available from Ken – N8KR at hotmail.com

10-80 Meters – 120v – with manual

2 - 572B American Cetron Tubes

New Power supply board with new diodes and electrolytic caps

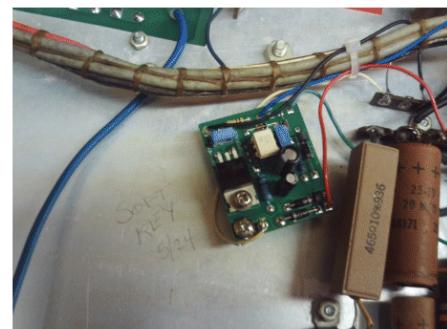
New soft key internal module

Test Results with Yaesu FT-1000mp into dummy load:

|        |           |                  |
|--------|-----------|------------------|
| 3.850  | 85w input | 550w output (cw) |
| 7.200  | 75w input | 550w output (cw) |
| 14.275 | 85w input | 600w output (cw) |
| 21.350 | 85w input | 400w output (cw) |
| 28.400 | 85w input | 250w output (cw) |



Amplifier was totally cleaned in May of 2024. Also during that time, a soft key module was installed along with a new power supply board with new diodes and caps. No warm up time needed – easy to tune!



20  
24

OPERATING EVENTS

SEP

ALL ASIAN DX  
7-8 CONTEST, PHONE

WAE DX  
14-15 CONTEST, SSB

ARRL SEPTEMBER  
14-16 VHF CONTEST

NJ, IA, & TX  
21-22 QSO PARTIES

CQ WW DX  
28-29 CONTEST, RTTY

This information comes from the WA7BNM Contest Calendar at [contestcalendar.com](http://contestcalendar.com) and is gratefully acknowledged. It is deemed accurate as of the time of publication.

# The Kalamazoo Hamfest and Vintage Electronics Expo

Saturday October 5, 2024  
Open 9AM to 4PM

Admission: \$8 adult  
Children 12 and under  
free (with adult)



Kalamazoo County Expo Center and  
Fairgrounds

2900 Lake Street, Kalamazoo, MI 49048

GPS: N 42 16.674 W 085 32.585



## Expanded Space:

We've added a second hall in the expo center. Now  
with over 30,000 square feet of selling area!

## Extended Time:

All day Saturday, 9am to 4pm!



Currently seeking Presenters and Forum Moderators  
We have HELP for vendors to load/unload  
Talk-In 147.040 (PL 94.8) K8KZO Repeater  
Featuring the Kalamazoo Makers Guild  
Door Prizes (must be present to win)  
Amateur Radio License Testing starting at 10am

For more information see our web-site at: <http://www.kalamazoothamfest.com> or  
Email us at: [info@KalamazooHamfest.com](mailto:info@KalamazooHamfest.com)

| Area Nets (updated as of 9/1/24) |                |  |           |                 |   |
|----------------------------------|----------------|--|-----------|-----------------|---|
| Daily                            |                |  | Tuesday   |                 |   |
| 8:00 AM                          | 3.535          | Daily (QIN) Indiana Section CW net                 | 7:30 PM   | 147.150+        | 21 Repeater Group Net (97.4 PL)                                 |
| 8:30 AM                          | 3.912          | Daily Indiana Traffic Net                          | 8:00 PM   | 50.580 USB      | FWRC 6-Meter SSB Net  |
| 6:00 PM                          | 3.910          | Daily Indiana Traffic Net                          | 9:00 PM   | 146.940-        | Allen Co. ARES Training Net (141.3 PL)                          |
| 6:30 PM                          | 146.880-       | IMO (alternate is 146.940)                         | Wednesday |                 |   |
| 7:00 PM                          | 147.015+       | Tri State Two Meter Net                            | --        | --              | --  |
| 8:00 PM                          | 3.535          | Daily (QIN) Indiana Section CW net                 | 8:00 PM   | 145.270-        | Whitley Co. ARES (141.3 PL)                                     |
| Week-days                        |                |  | 8:00 PM   | 50.580 FM       | FWRC 6-Meter FM Net   |
| 9:00 AM                          | 3.820          | Little Red Barn Net (NewsLine on Friday after net) | --        | --              | --  |
| Sunday                           |                |  | Thursday  |                 |   |
| 8:00 PM                          | 444.550+       | Whitley Co. ARC Sunday Night Net (141.3 PL)        | 8:00 PM   | D-STAR          | Indiana D-STAR net (Note 3)                                     |
| 8:30 PM                          | 146.910-       | "No-Name" Net also on EchoLink Node number 519521  | 8:00 PM   | 50.580          | AM 6-Meter AM Net   |
| 9:00 PM                          | 145.53 simplex | Northeast Indiana Packet Net 1200 baud (Note 2)    | 8:30 PM   | 145.510 simplex | Allen County ARES Digital Operations Team Training Net (Note 4) |
| Monday                           |                |  | Saturday  |                 |   |
| 8:00 PM                          | 224.780-       | Fort Wayne 224 Net                                 | 8:00 PM   | 146.685-        | Huntington ARES(141.3 PL)                                       |

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.**
2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.
3. Reflector REF024B.
4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.
5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

| Area Repeaters (updated as of 9/1/24) |          |            |          |           |        |               |          |
|---------------------------------------|----------|------------|----------|-----------|--------|---------------|----------|
| Frequency                             | Offset   | Tone/Notes | Callsign | Frequency | Offset | Tone/Notes    | Callsign |
|                                       |          |            |          | 442.6375  | +5 MHz | MDR CC1       | N9MTF    |
| 145.330                               | -0.6 MHz | 141.3      | W9FEZ    | 442.99375 | +5 MHz | D-Star W9TE-B | W9TE     |
| 146.880                               | -0.6 MHz | --         | W9INX    | 443.100   | +5 MHz | DMR CC1       | K9MMQ    |
| 147.255                               | +0.6 MHz | --         | W9INX    | 443.275   | +5 MHz | P25 NAC # 293 | K9MMQ    |
| 146.760                               | -0.6 MHz | 141.3      | W9TE     | 444.250   | +5 MHz | 141.3         | W9AVW    |
| 146.910                               | -0.6 MHz | --         | W9TE     | 444.800   | +5 MHz | --            | W9FEZ    |
| 146.940                               | -0.6 MHz | 141.3      | W9TE     | 444.8750  | +5 MHz | 141.3         | W9TE     |
| 224.780                               | -1.6 MHz | --         | W9FEZ    |           |        |               |          |

**FWRC Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

License Class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #:(\_\_\_\_\_) \_\_\_\_\_

\* Email address: \_\_\_\_\_

\* (@arrl.net domain is unreliable. Please use an alternate email address if you have one).

ARRL Member? \_\_\_\_\_ (ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call &amp; email address in our membership roster &amp; on our club web site? Yes or No

**Fort Wayne Radio Club dues:**

Regular membership \$25.00 / year

Family membership<sup>1</sup> \$35.00 / yearStudent membership<sup>2</sup> \$5.00 / yearAssociate membership<sup>3</sup> \$20.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Fort Wayne Radio Club (check number \_\_\_\_\_) and bring to a club meeting or mail to:

Fort Wayne Radio Club

P.O. Box 15127

Fort Wayne, IN 46885-5127

1: Please list all names and calls on an attached sheet.

2: K-12 or full time student.

3: Unlicensed member.

**ACARTS Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_

License Class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #:(\_\_\_\_\_) \_\_\_\_\_

Email address: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call &amp; email address in our membership roster &amp; on our club web site? Yes or No

**ACARTS dues:**

Regular membership \$12.00 / year

Additional family members<sup>1</sup> \$6.00 / yearStudent membership<sup>2</sup> \$6.00 / yearAssociate membership<sup>3</sup> \$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Allen County Amateur Radio Technical Society (check number \_\_\_\_\_) and bring to a club meeting or mail to:

A.C.A.R.T.S.

P.O. Box 10342

Fort Wayne, IN

1: Please list all names and calls on an attached sheet.

2: K-12 or full time student.

3: Unlicensed member.

# 52<sup>nd</sup> FORT WAYNE HAMFEST & Computer Expo

Sponsored by Allen County Amateur Radio Technical Society



**Carl Luetzelschwab K9LA**  
ARRL Central Division Director

**Brent Walls N9BA**  
ARRL Central Division Vice Director

**Bob Burns AK9R**  
ARRL Indiana Section Manager

**Mike Alley W9MSK**  
ARRL Indiana Section Emergency Coordinator

**Ham Radio License Testing All Classes (\$14)**  
**9 AM till 12 PM Saturday**

**WAS & DXCC Card Checking and CQ Awards**

**Youth Lounge (under 12 accompanied by adult)**

**New & Used Ham Equipment Dealers**  
**Main & Hourly Door Prizes**

**2 Rooms of Special Interest Forums All Day Saturday**

**Talk-in Radio Frequency 146.880 (-) PL 141.3**

**Tables: \$30 Regular, \$50 Premium, \$35 Electricity**  
**Drive Directly to Your Table for Setup**

Get the latest information at

**[www.fortwaynehamfest.com](http://www.fortwaynehamfest.com)**

**[www.facebook.com/FTWAYNEHAMFEST/](http://www.facebook.com/FTWAYNEHAMFEST/)**

# November

## 16 & 17

## 2024

**SAT 9 AM to 4 PM**  
**SUN 9 AM to 2 PM**

**Admission: \$8 Sat & Sun**  
**\$4 Sun only**  
**Children under 12 free (with adult)**

**Allen County War Memorial Coliseum**  
**4000 Parnell Ave**  
**Fort Wayne, IN**  
**73,000 sq. ft. all indoors**  
**(Coliseum Parking \$8 per vehicle)**

**Hamfest General Questions:**

Email: FM@acarts.com

**Table Questions:**  
tables@fortwaynehamfest.com  
Mail: PO Box 10342, Fort Wayne, IN 46851

Phone: (260) 579-2196